

POOL NOTES:

- ALL ELECTRICAL WORK TO CONFORM TO 2008 NEC.
- ALL CIRCUITS TO BE FED WITH GFCI BREAKERS. EXCEPTION FOR HVAC UNITS.
- LOCATE RECEPTACLES AS CLOSE TO LOCATION AS SHOWN ON DWGS. CONTRACTOR MAY HAVE TO MOVE LOCATIONS AS NECESSARY FOR PROPER MOUNTING.
- VERIFY ALL DISTANCES WITH MANUFACTURER DWG.
- CONTRACTOR TO VERIFY ALL ELECTRICAL NEEDS FOR POOL AREA WITH ARCHITECT AND POOL SUPPLIER BEFORE ROUGH-IN.
- COORDINATE LOCATION OF LIGHTS WITH MECHANICAL HVAC DUCT. IN NO WAY SHALL LIGHTS BE LOCATED OVER SWIMMING POOL.
- MOUNT LIGHTS AS HIGH AS POSSIBLE. DO NOT MOUNT BELOW 8'-6" A.F.F.
- CONTRACTOR TO FEED ALL ELECTRICAL CIRCUITS ASSOCIATED WITH POOL FROM NEW PANEL "1P1" AS SHOWN ON THIS DWG.
- CONTRACTOR TO LOCATE KEYPED LIGHT SWITCHES FOR POOL AREA LIGHTING INSIDE EQP. ROOM OR AS DIRECTED BY OWNER. SWITCHES NOT SHOWN ON DWGS.
- LUMINAIRES UNDERWATER IN POOL SHALL MEET ALL REQUIREMENTS OF NEC ARTICLE 680.23.
- INSTALL A COMMON BONDING GRID AROUND POOL AND TERMINATE AS PER NEC ARTICLE 680.26 (C).
- AN EMERGENCY SHUT OFF SWITCH SHALL BE INSTALLED WITHIN SIGHT BUT NOT LESS THAN 5' OF THE POOL AND WHIRLPOOL AND BE READILY ACCESSIBLE.
- INSTALL HOUSE PHONE AT POOL AREA AS SHOWN. MOUNT IN WEATHERPROOF COVER. WHEN OFF HOOK, PHONE SHOULD AUTOMATICALLY DIAL FRONT DESK AND EMERGENCY NUMBER IF REQUIRED. MOUNT NO HIGHER THAN 48" AFF.

1P1									
BUS NUMBER: 191			AMPERE RATING: 400			VOLTAGE (L-L): 208			PHASE: 3
SERVED FROM: MSB			MAIN TYPE: MAIN BREAKER			WIRE: 4			
MOUNTING: SURFACE			LUG OPTIONS:			VOLTAGE (L-N): 120			MIN. KALC: 42
REMARKS: MAIN BREAKER TO BE SHUNT TRIP TYPE									
CIRCUIT NO.	LOAD DESCRIPTION	CIRCUIT BREAKER	LOAD KVA	BRANCH CIRCUIT	PHASE / (GND CND)	MIN. WIRE SIZE	MIN. CONDUIT SIZE	LOAD KVA	LOAD DESCRIPTION
TRIP P									TRIP P
1	20 1	MSC POOL POWER	M	0.75	1 2 12 12 1/2	1 3	4	8	1-1/4
3	20 1	MSC POOL POWER	M	0.75	1 2 12 12 1/2	1 3	4	8	1-1/4
5	20 1	MSC POOL POWER	M	0.75	1 2 12 12 1/2	1 3	4	8	1-1/4
9	20 3	POL-1	D	1.66	1 3 12 12 1/2	1 3	6	10	1
			D	1.66		5.00 H			
			D	1.66		5.00 H			
			D	1.66		5.00 H			
15	250 3	PAHU-1	D	16.66	1 3 4/0 4	2	1 3	6	10
			D	16.66		3.66 M			
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